

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035258.D
 Acq On : 23 Nov 2024 01:34
 Operator : RC/JU
 Sample : P4872-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 23 01:58:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	3588	0.400	ng/ul	0.00
4) Naphthalene-d8	10.064	136	9569	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.977	164	6183	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.743	188	13704m	0.400	ng/ul	0.00
17) Chrysene-d12	20.988	240	10475	0.400	ng/ul	# 0.00
23) Perylene-d12	23.089	264	7705m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	12979	3.958	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	4427	0.316	ng/ul	0.00
18) Fluoranthene-d10	18.795	212	12845	0.444	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.113	128	2102	0.087	ng/ul#	93
7) 2-Methylnaphthalene	11.747	142	1285	0.077	ng/ul	97
8) 1-Methylnaphthalene	11.972	142	1493	0.088	ng/ul	99
10) Acenaphthylene	13.690	152	21004	0.856	ng/ul	99
11) Acenaphthene	14.041	153	1860	0.099	ng/ul	96
12) Fluorene	15.045	166	14503	0.658	ng/ul	99
15) Phenanthrene	16.785	178	195075	5.385	ng/ul	99
16) Anthracene	16.878	178	41669	1.239	ng/ul	99
19) Fluoranthene	18.828	202	412839	11.320	ng/ul#	96
20) Pyrene	19.195	202	301706	7.949	ng/ul#	92
21) Benzo(a)anthracene	20.973	228	153633	4.227	ng/ul	94
22) Chrysene	21.023	228	136057	3.720	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	133550m	5.244	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	51597m	1.965	ng/ul	
26) Benzo(a)pyrene	22.998	252	90039m	3.868	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.135	276	52386m	1.667	ng/ul	
28) Dibenzo(a,h)anthracene	25.145	278	12081m	0.490	ng/ul	
29) Benzo(g,h,i)perylene	25.755	276	46969m	1.895	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

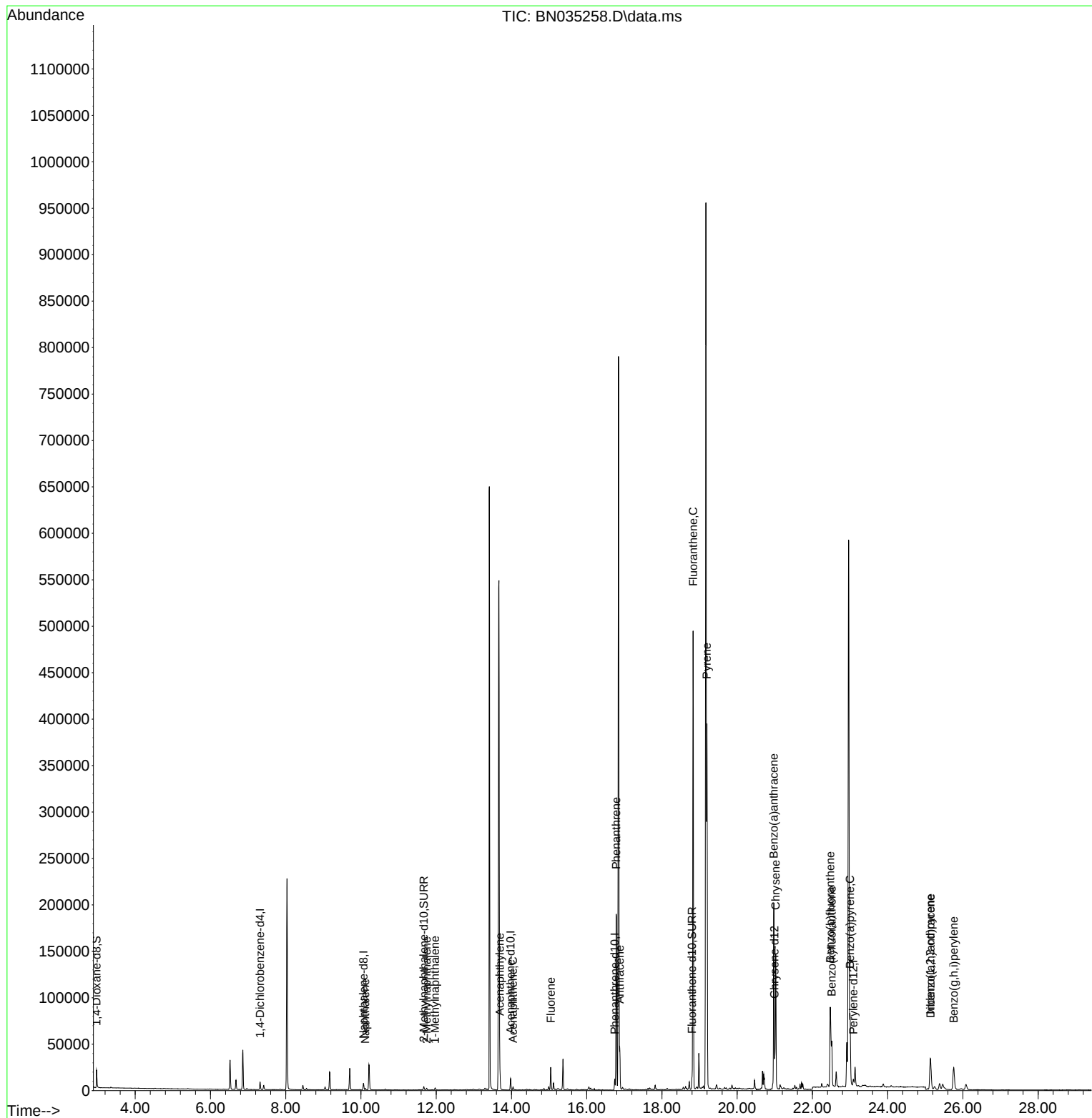
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035258.D
Acq On : 23 Nov 2024 01:34
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Sample : P4872-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

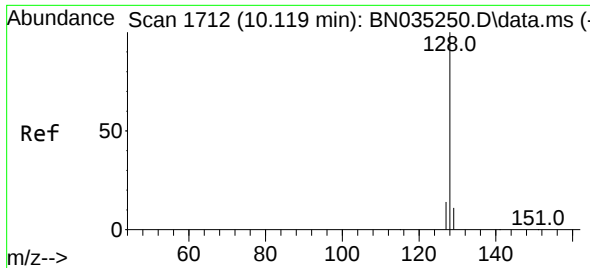
Instrument :
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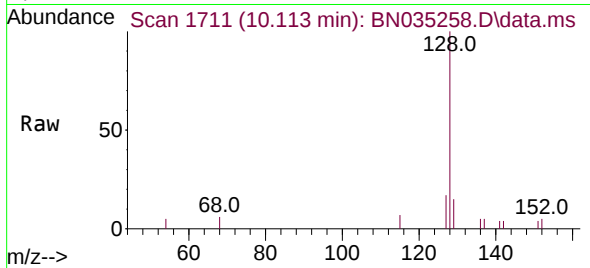
Quant Time: Nov 23 01:58:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.113 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34

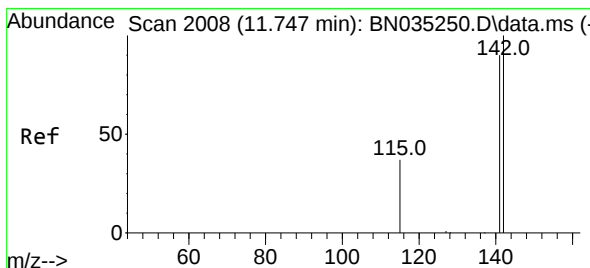
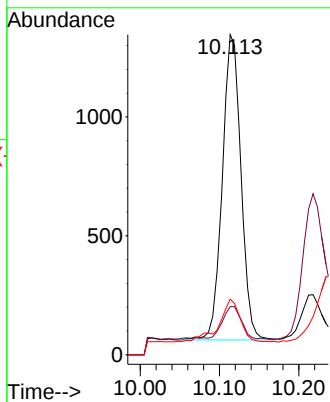
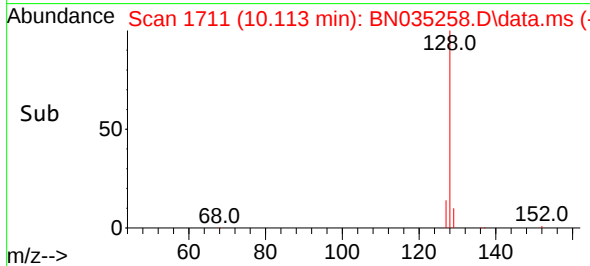
Instrument :
BNA_N
ClientSampleId :
E29Y6



Tgt Ion:128 Resp: 210
Ion Ratio Lower Upper
128 100
129 15.0 9.9 14.9
127 17.4 11.4 17.2

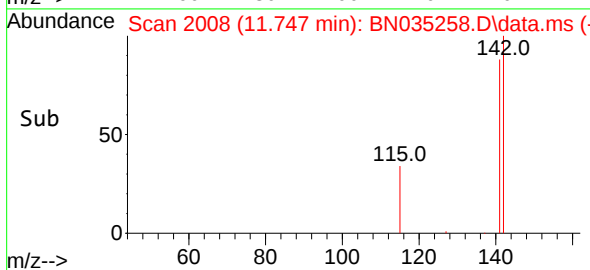
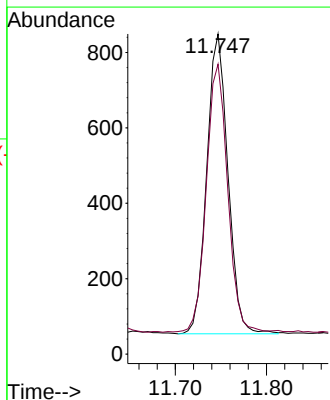
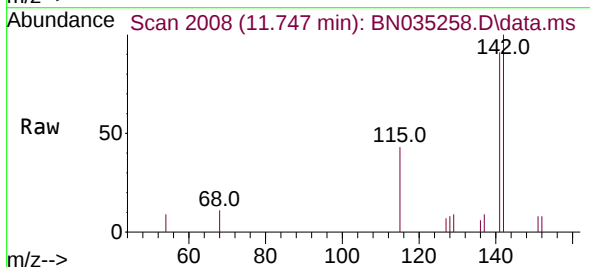
Manual Integrations
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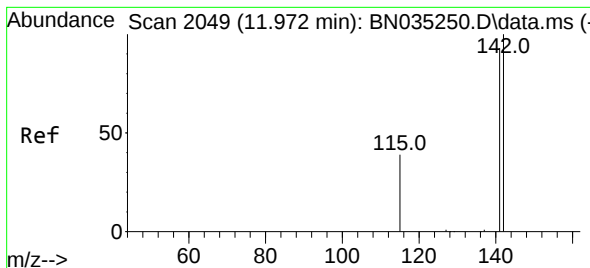
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 11.747 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34

Tgt Ion:142 Resp: 1285
Ion Ratio Lower Upper
142 100
141 90.4 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.088 ng/ul

RT: 11.972 min Scan# 2049

Delta R.T. 0.000 min

Lab File: BN035258.D

Acq: 23 Nov 2024 01:34

Instrument :

BNA_N

ClientSampleId :

E29Y6

Tgt Ion:142 Resp: 149

Ion Ratio Lower Upper

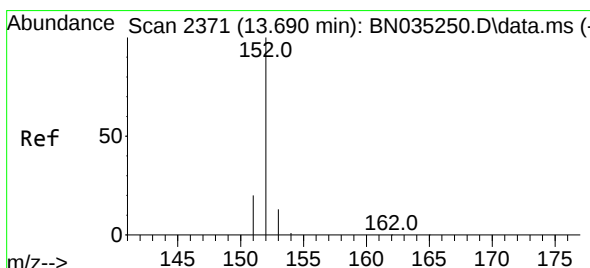
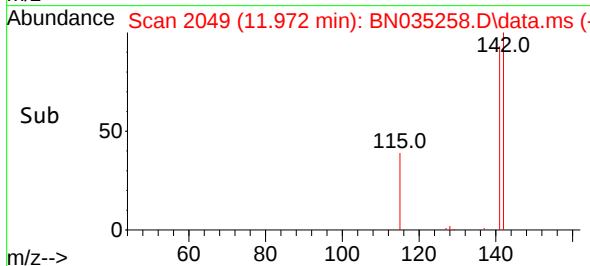
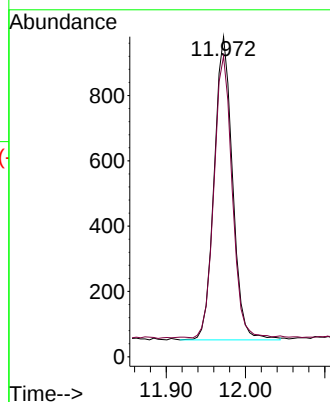
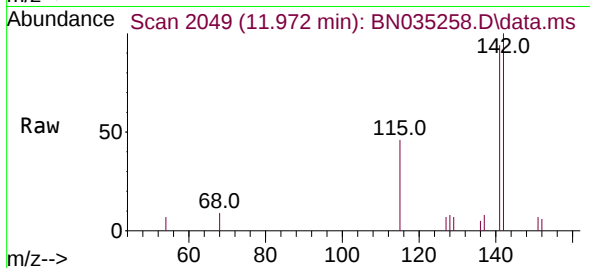
142 100

141 92.0 73.1 109.7

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#10

Acenaphthylene

Concen: 0.856 ng/ul

RT: 13.690 min Scan# 2371

Delta R.T. 0.000 min

Lab File: BN035258.D

Acq: 23 Nov 2024 01:34

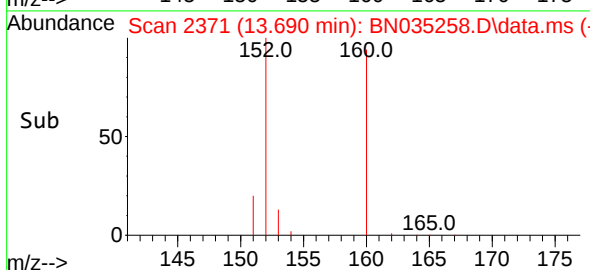
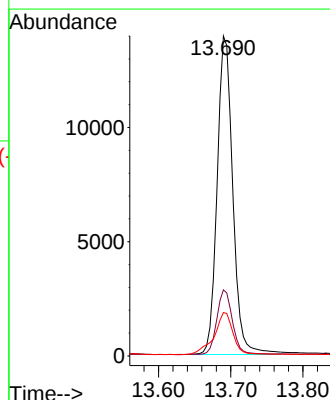
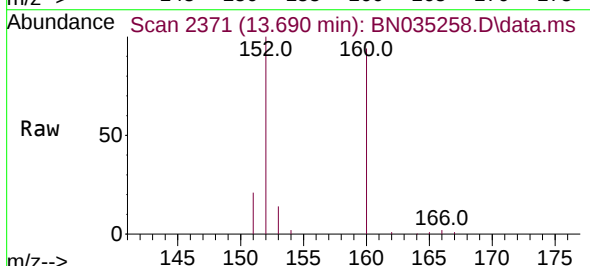
Tgt Ion:152 Resp: 21004

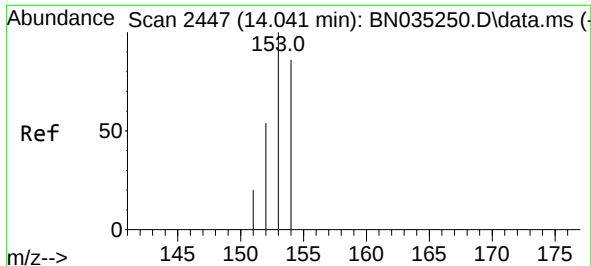
Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

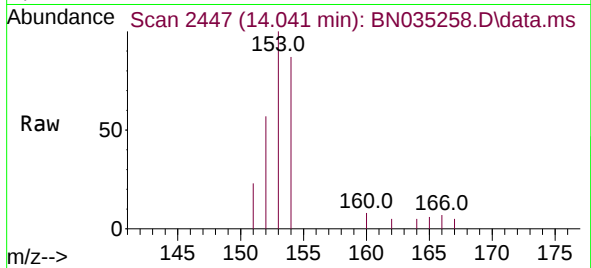
153 13.5 11.1 16.7





#11
Acenaphthene
Concen: 0.099 ng/u1
RT: 14.041 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34

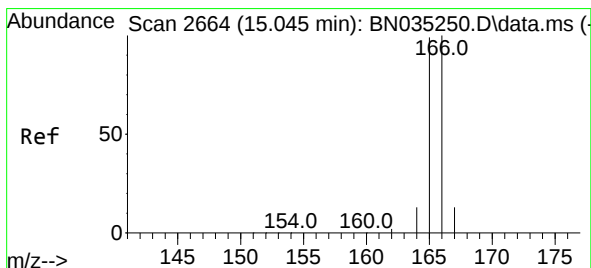
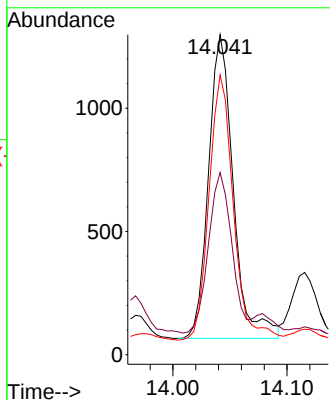
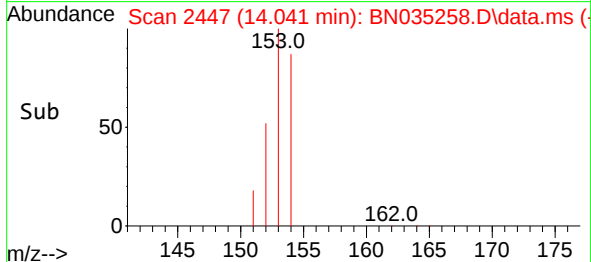
Instrument :
BNA_N
ClientSampleId :
E29Y6



Tgt Ion:153 Resp: 1860
Ion Ratio Lower Upper
153 100
152 56.9 41.4 62.0
154 87.4 71.2 106.8

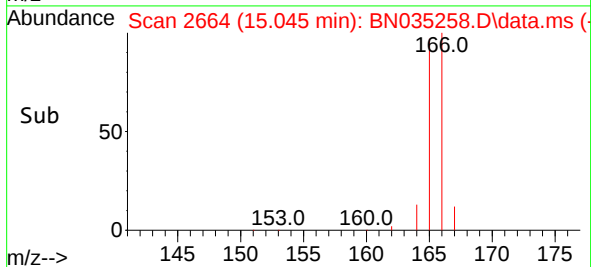
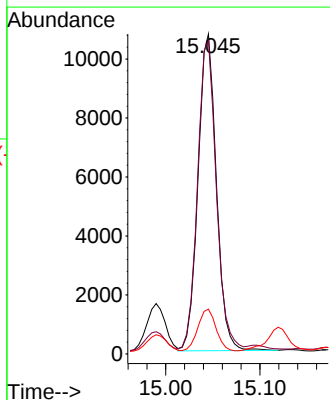
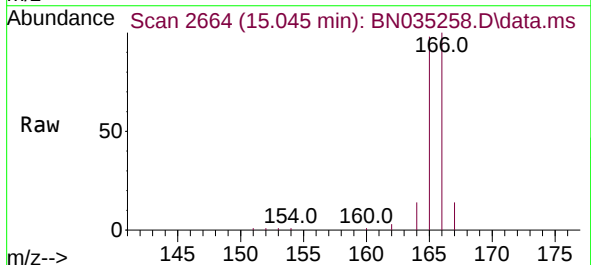
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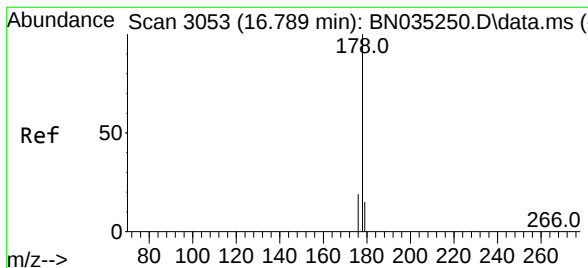
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#12
Fluorene
Concen: 0.658 ng/u1
RT: 15.045 min Scan# 2664
Delta R.T. 0.000 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34

Tgt Ion:166 Resp: 14503
Ion Ratio Lower Upper
166 100
165 97.9 78.6 118.0
167 14.0 11.8 17.6





#15

Phenanthrene

Concen: 5.385 ng/ul

RT: 16.785 min Scan# 3053

Delta R.T. -0.004 min

Lab File: BN035258.D

Acq: 23 Nov 2024 01:34

Instrument :

BNA_N

ClientSampleId :

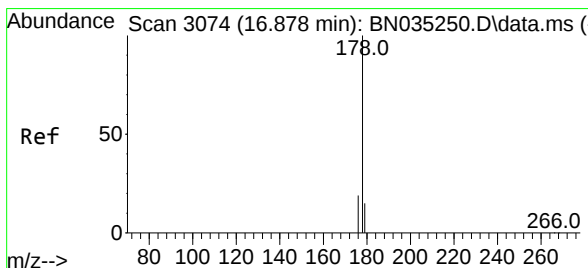
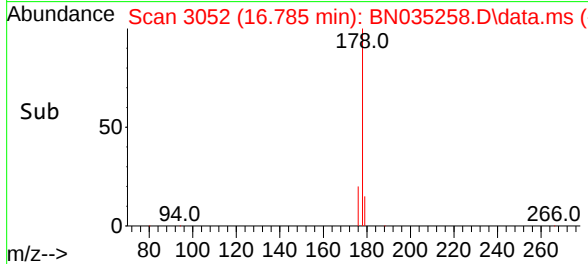
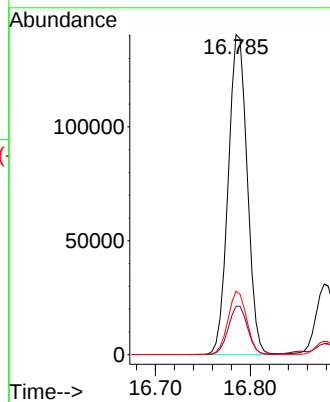
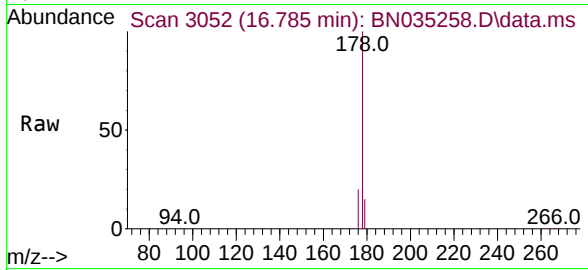
E29Y6

Tgt Ion:178	Resp: 195079
Ion Ratio	Lower Upper
178 100	
179 15.2	12.9 19.3
176 19.8	15.6 23.4

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#16

Anthracene

Concen: 1.239 ng/ul

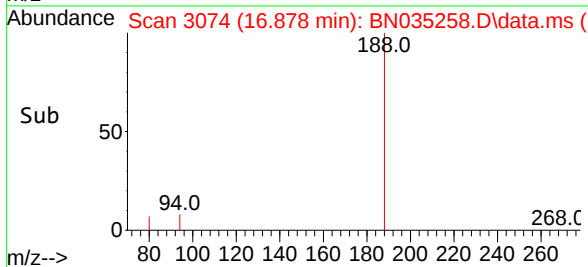
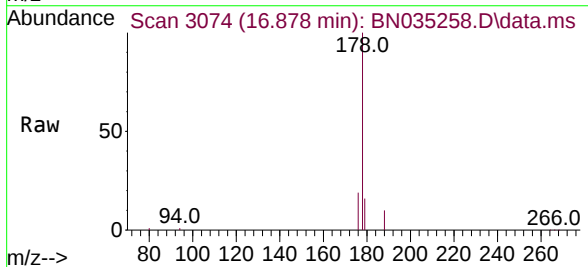
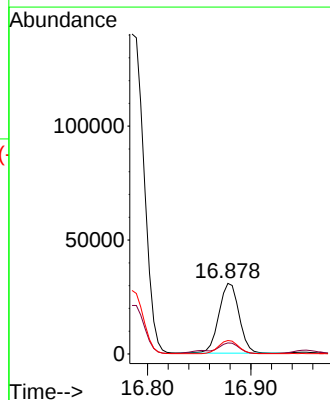
RT: 16.878 min Scan# 3074

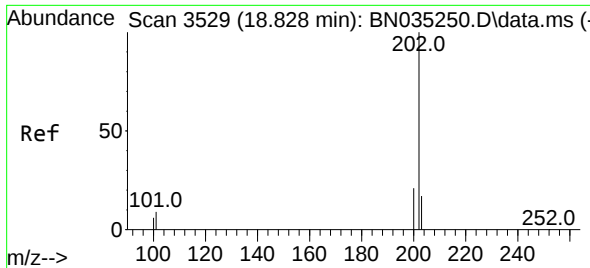
Delta R.T. -0.004 min

Lab File: BN035258.D

Acq: 23 Nov 2024 01:34

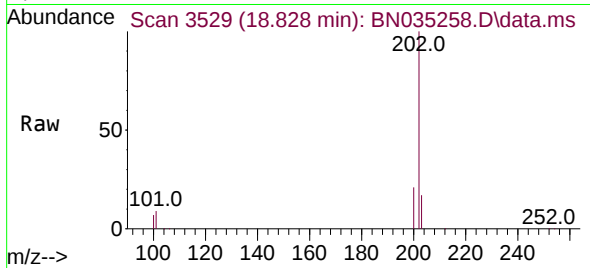
Tgt Ion:178	Resp: 41669
Ion Ratio	Lower Upper
178 100	
179 15.6	12.9 19.3
176 19.1	15.4 23.2





#19
Fluoranthene
Concen: 11.320 ng/u1
RT: 18.828 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34

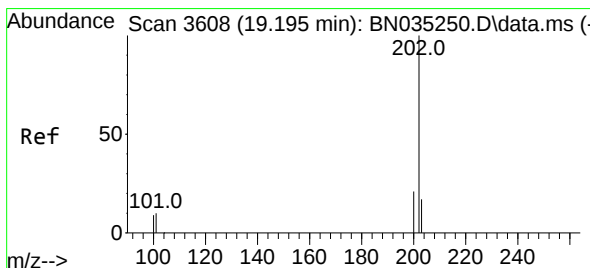
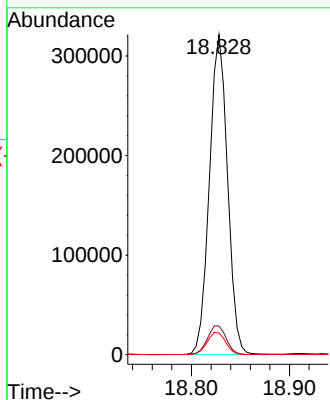
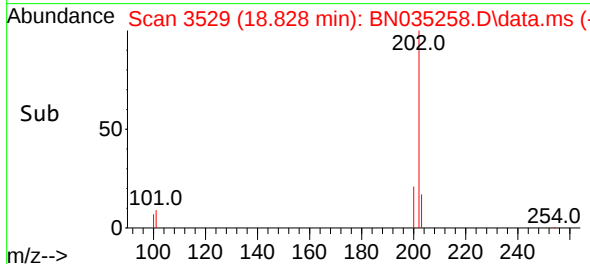
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ClientSampleId :
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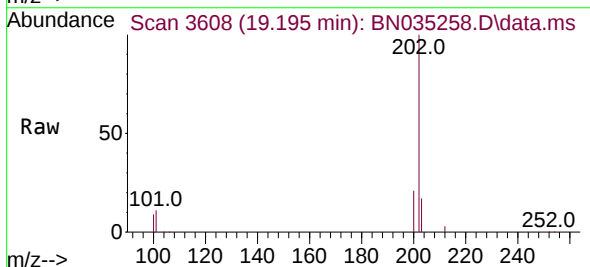
Tgt Ion:202 Resp: 412839
Ion Ratio Lower Upper
202 100
101 8.9 5.8 8.6#
100 6.7 4.5 6.7#

Manual Integrations
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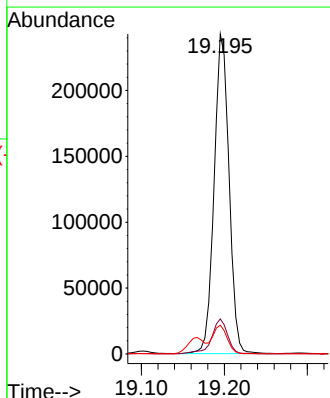
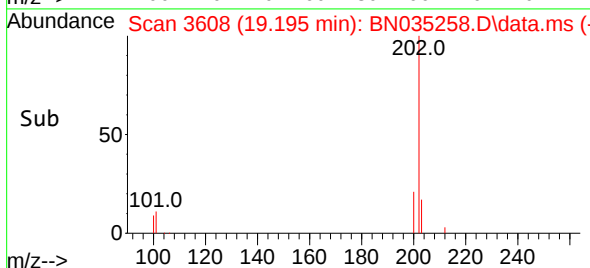
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

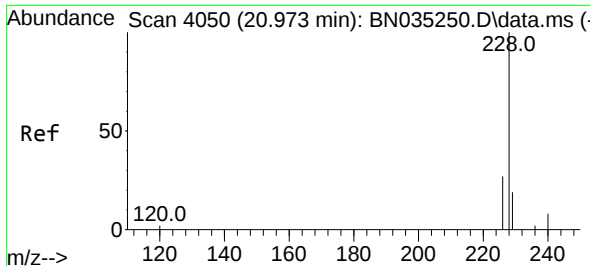


#20
Pyrene
Concen: 7.949 ng/u1
RT: 19.195 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34



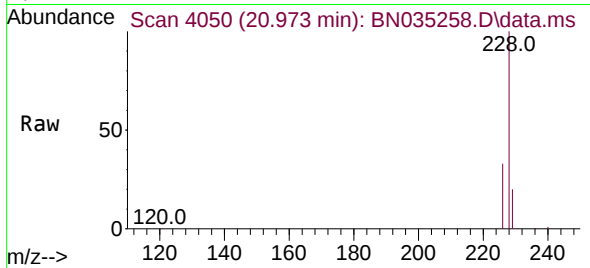
Tgt Ion:202 Resp: 301706
Ion Ratio Lower Upper
202 100
101 10.9 6.2 9.4#
100 9.0 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 4.227 ng/u1
RT: 20.973 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34

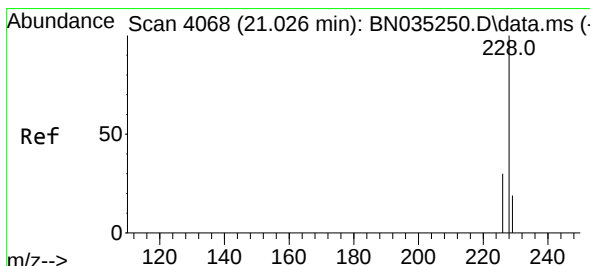
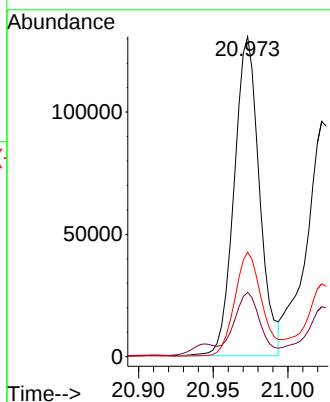
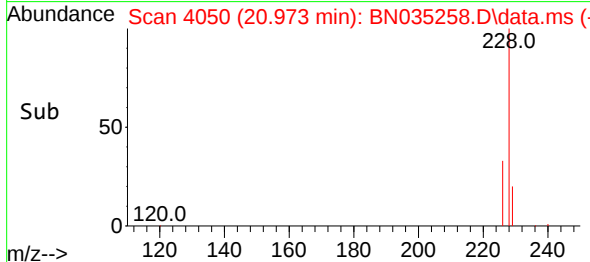
Instrument :
BNA_N
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E29Y6



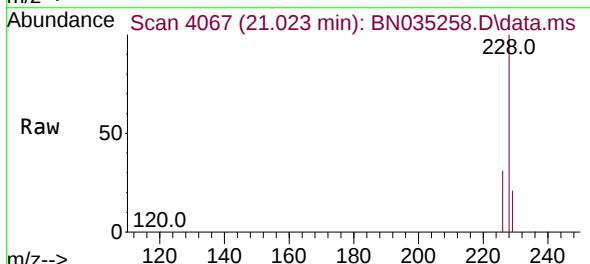
Tgt Ion:228 Resp: 15363
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 32.7 21.8 32.8

Manual Integrations
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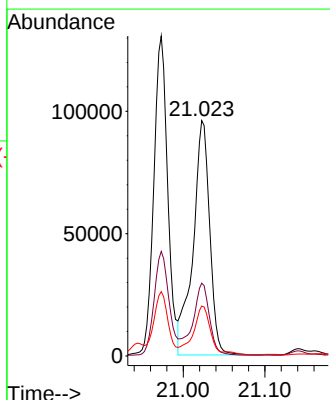
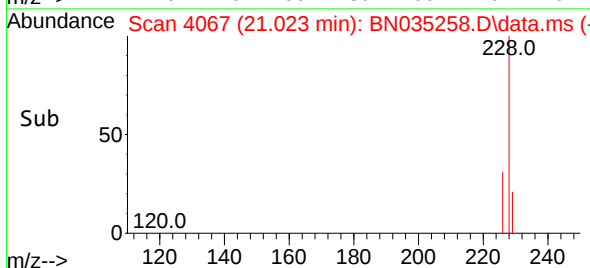
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

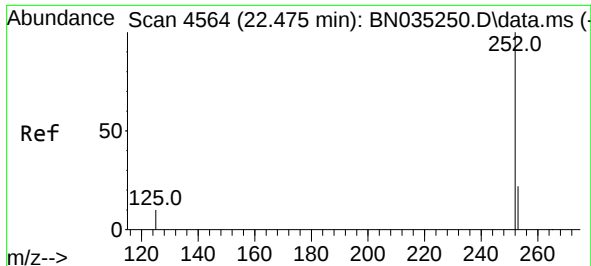


#22
Chrysene
Concen: 3.720 ng/u1
RT: 21.023 min Scan# 4067
Delta R.T. -0.006 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34



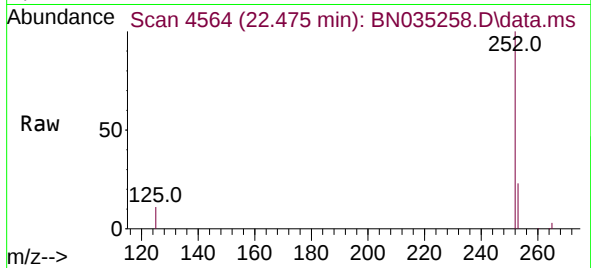
Tgt Ion:228 Resp: 136057
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 21.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 5.244 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34

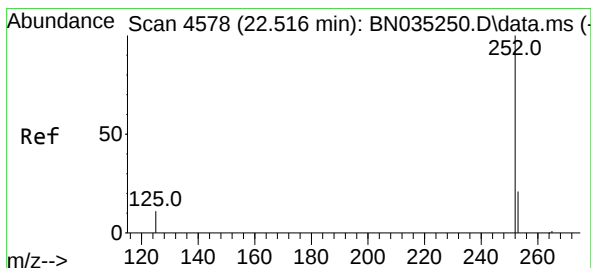
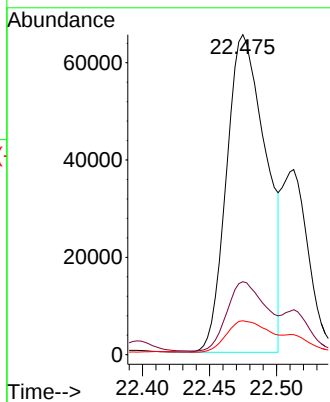
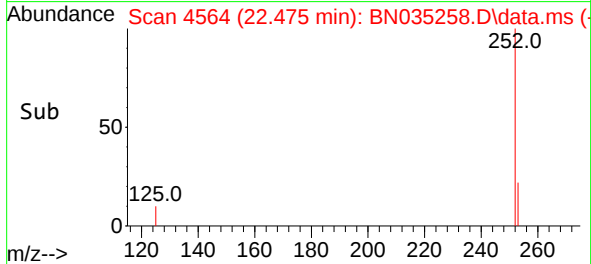
Instrument :
BNA_N
ClientSampleId :
E29Y6



Tgt Ion:252 Resp: 133550
Ion Ratio Lower Upper
252 100
253 22.8 0.0 54.0
125 10.6 0.0 19.4

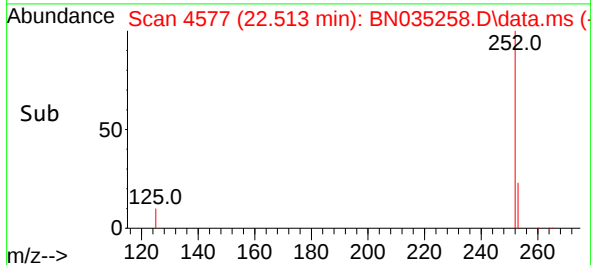
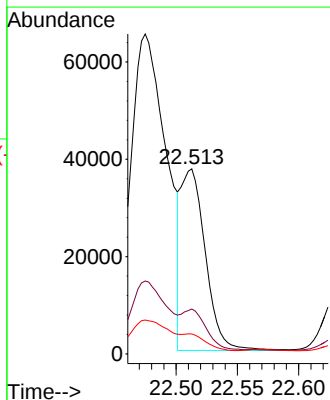
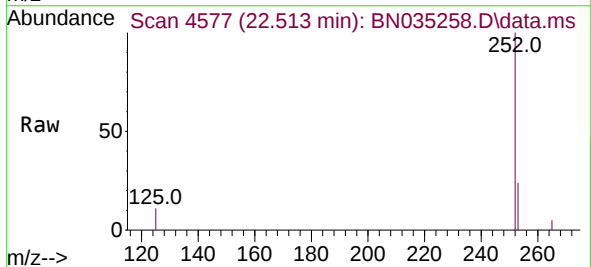
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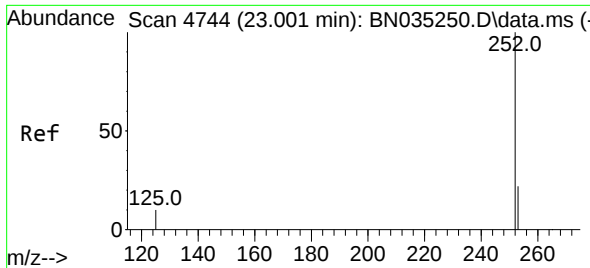
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#25
Benzo(k)fluoranthene
Concen: 1.965 ng/ul m
RT: 22.513 min Scan# 4577
Delta R.T. -0.009 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34

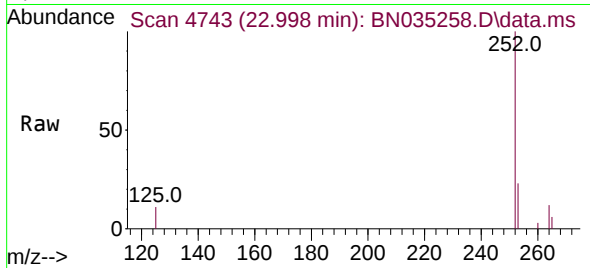
Tgt Ion:252 Resp: 51597
Ion Ratio Lower Upper
252 100
253 24.3 21.8 32.6
125 10.8 8.6 12.8





#26
Benzo(a)pyrene
Concen: 3.868 ng/ul m
RT: 22.998 min Scan# 4743
Delta R.T. -0.012 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34

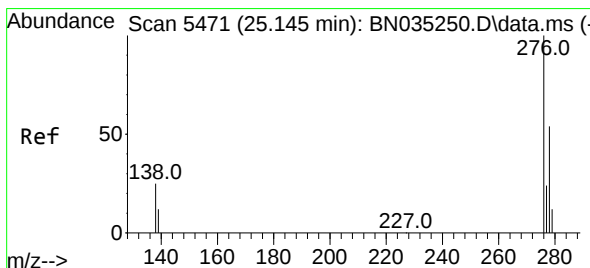
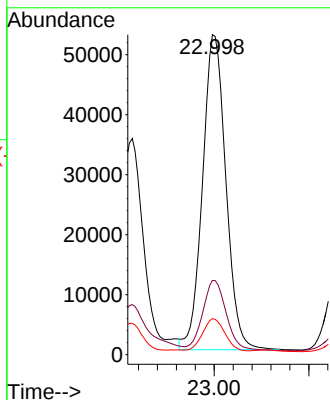
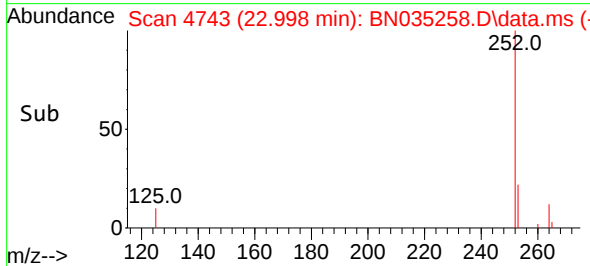
Instrument :
BNA_N
ClientSampleId :
E29Y6



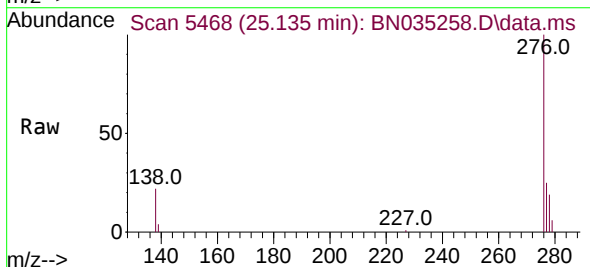
Tgt Ion:252 Resp: 90039
Ion Ratio Lower Upper
252 100
253 23.2 22.9 34.3
125 11.2 9.4 14.2

Manual Integrations
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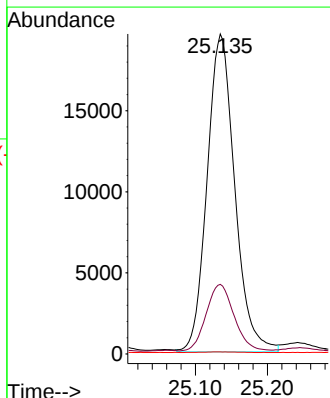
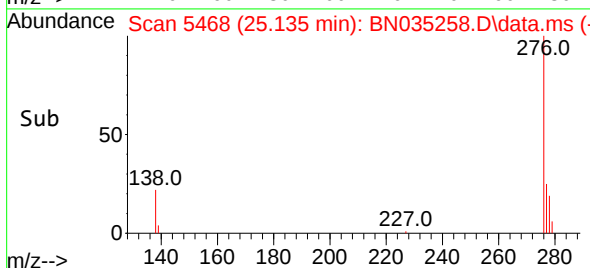
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

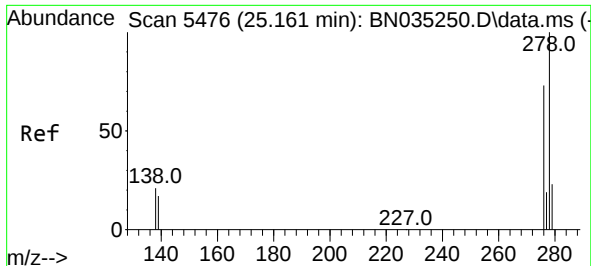


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.667 ng/ul m
RT: 25.135 min Scan# 5468
Delta R.T. -0.017 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34



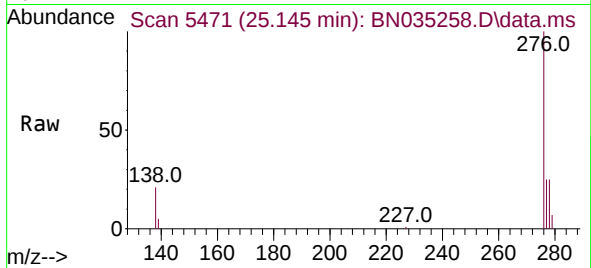
Tgt Ion:276 Resp: 52386
Ion Ratio Lower Upper
276 100
138 21.0 13.8 20.8#
227 2.2 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.490 ng/ul m
RT: 25.145 min Scan# 5476
Delta R.T. -0.027 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34

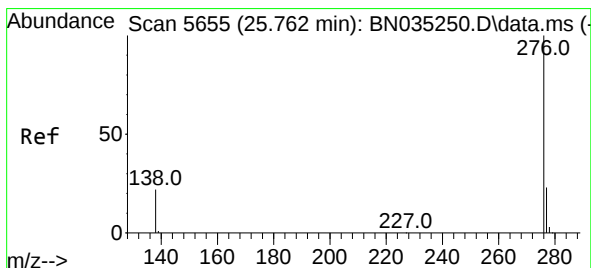
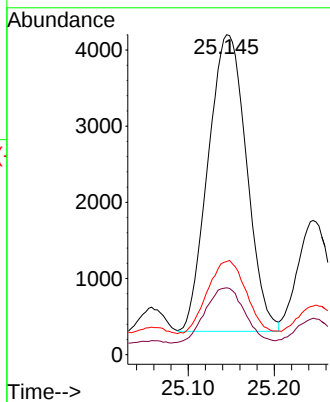
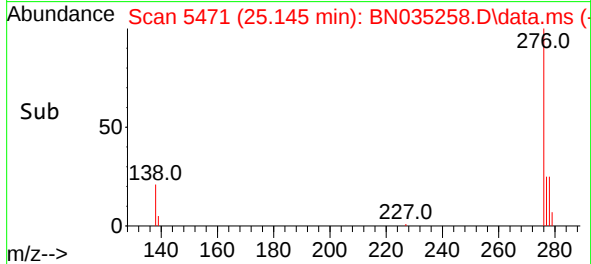
Instrument :
BNA_N
ClientSampleId :
E29Y6



Tgt Ion:278 Resp: 1208
Ion Ratio Lower Upper
278 100
139 20.9 10.7 16.1
279 29.1 22.8 34.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#29
Benzo(g,h,i)perylene
Concen: 1.895 ng/ul m
RT: 25.755 min Scan# 5653
Delta R.T. -0.020 min
Lab File: BN035258.D
Acq: 23 Nov 2024 01:34

Tgt Ion:276 Resp: 46969
Ion Ratio Lower Upper
276 100
138 22.9 13.0 19.6
277 24.2 20.5 30.7

